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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

 Practitioners associated with Customer Number:**58027****OR** Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

 The address associated with Customer Number**58027****OR**

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

Assignee Name and Address:

Samsung Electronics Co., Ltd.
416, Maetan-dong, Yeongtong-gu, Suwon-si
Gyeonggi-do, Republic of Korea

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Kyu Wan Ryu</i>	Date	August 12, 2008
Name	RYU, Kyu-Wan	Telephone	+82-31-209-9067
Title	Manager/Samsung Electronics Co., Ltd.		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Hiroaki TANAKA, et al.Application No./Patent No.: 6,897,927 Filed/Issue Date: May 24, 2005Entitled: COLOR LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD OF THE SAMESamsung Electronics Co., Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
 2. an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Hiroaki Tanaka, et al. To: NEC CORPORATION
 The document was recorded in the United States Patent and Trademark Office at Reel 012327, Frame 0396, or for which a copy thereof is attached.
2. From: NEC CORPORATION To: NEC LCD TECHNOLOGIES, LTD.
 The document was recorded in the United States Patent and Trademark Office at Reel 013687, Frame 0448, or for which a copy thereof is attached.
3. From: NEC LCD TECHNOLOGIES, LTD. To: NEC CORPORATION
 The document was recorded in the United States Patent and Trademark Office at Reel 024492, Frame 0176, or for which a copy thereof is attached.
4. From: NEC CORPORATION To: Samsung Electronics Co., Ltd.
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

- As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/hae-chan park/

Signature

Hae-Chan Park, Reg. 50,114

Printed or Typed Name

Attorney

Title

April 29, 2011

Date

703-288-5105

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

(US)

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, hereinafter called Assignor, is the owner and assignee of record of the patents and pending applications listed on the attached Schedule A; and

Whereas, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 416 Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents and pending applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in:

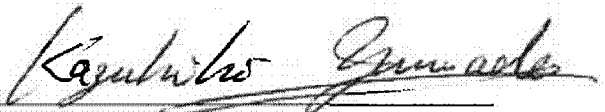
1. (a) the patents and pending applications listed on the attached Schedule A, (b) all continuations, divisions, reissues and continuations-in-part thereof and all other patent applications claiming priority rights from the items in category (a), and (c) all U.S. patents or other governmental grants or issuances that may be granted on any applications within the foregoing categories (a) and (b), the items in categories (a), (b), and (c) individually and collectively referred to hereafter as the "**Patents**";
2. all inventions claimed or described in the Patents (the "**Inventions**");
3. all non-United States patents, patent applications, and counterparts relating to any or all of the Inventions or the Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("**Foreign Rights**"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
4. the right to claim priority rights deriving from the Patents;
5. all causes of action and remedies related to the Patents, the Inventions, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

6. any and all other rights and interests arising out of, in connection with, or in relation to, the Patents, the Inventions, or Foreign Rights.

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: April 18, 2011

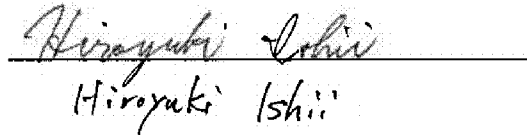


Name: Kazuhiko Yamada

Title: General Manager, Intellectual Asset
Development Promotion Division

Witness:

Date: April 18, 2011



Hiroyuki Ishii

Schedule A

US Patents

<u>Serial No.</u>	<u>Patent No.</u>
08/704125	5844646
09/538907	6507382
09/867423	6897927
11/028310	7041522